



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Richard W. Wensel

**Serial No.:** 10/600,149

**Filed:** June 19, 2003

**For:** SEMICONDUCTOR DIE WITH  
ATTACHED HEAT SINK AND  
TRANSFER MOLD

**Confirmation No.:** 6258

**Examiner:** N. Ha

**Group Art Unit:** 2814

**Attorney Docket No.:** 2269-3061.8US  
(96-0893.07/US)

Express Mail Mailing Label No.: EL995992303US

Date of Deposit with USPS: October 7, 2005

Person making Deposit: Steve Wong

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the Notice of Allowability mailed November 4, 2004, the Examiner indicates:

The primary reason for the indication of the allowability of the above claims is the inclusion therein, in combination as currently claimed, of the limitation of a semiconductor die including a dam connected to the heat sink, the dam is located on the lower surface of the heat sink and extending around the peripheral thereof. This limitation is found in the above claims and is neither disclosed nor taught by the prior art of record, alone or in combination.

Applicants concur with the reasons as stated by the Examiner insofar as they comprise a summary, and are exemplary and not limiting. However, the independent claims as allowed

include other and different language than that specified by the Examiner, and the allowed dependent claims include other and further features and elements. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as equivalents thereof.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: October 7, 2005

JRD/ps:lmh

Document in ProLaw



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**TRANSMITTAL LETTER AND REQUEST TO MAKE PREVIOUSLY CITED  
REFERENCES OF RECORD**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith Part B - Fee(s) Transmittal for the above-captioned application and a Request to Apply Previously Paid Issue Fee to Issue Fee Required by New Notice of Allowance.

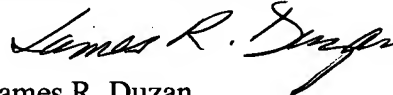
Also, enclosed is a Supplemental Information Disclosure Statement (4 pages); Form PTO/SB/08 (2 pages), plus copies of cited references (32 documents); Check No. 8478 in the amount of \$180.00 for Supplemental Information Disclosure Statement fee; Comments on Statement of Reasons for Allowance (2 pages); and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages).

**Request to Make Previously-Cited References of Record**

Applicant notes the filing of an Information Disclosure Statement herein on August 17, 2005. Because this was after the mailing date of the Notice of Allowance papers, a copy of the PTO/SB/08, as initialed by the Examiner, has not been returned to Applicant's counsel. Applicant respectfully requests that the information cited on the PTO/SB/08 be made of record herein. *For your convenience, Applicant has enclosed a second copy of the Supplemental Information Disclosure Statement and Form PTO/SB/08, as well as a copy of the \$180.00 check and USPTO date-stamped postcard evidencing receipt by the Office on August 17, 2005. Applicant respectfully requests that a copy of the PTO/SB/08, showing the references initialed by the Examiner, be returned to Applicant's counsel for their records.*

Applicant understands that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: October 7, 2005

JRD/ps:lmh

Enclosures: Part B - Issue Fee Transmittal

Copy of Transmittal Letter

Request to Apply Previously Paid Issue Fee to Issue Fee Required by New Notice of Allowance, with attached copy of Decision on Petition (3 pages)

Supplemental Information Disclosure Statement (4 pages)

Form PTO/SB/08 (2 pages), plus copies of cited references (32 documents)

Copy of 8/17/05 Supp IDS, PTO/SB/08, check & USPTO date-stamped postcard

Check No. 8478 in the amount of \$180.00 for Supplemental IDS fee

Comments on Statement of Reasons for Allowance (2 pages)

Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571) 273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

24247

7590

07/14/2005

TRASK BRITT  
 P.O. BOX 2550  
 SALT LAKE CITY, UT 84110



## Certificate of Mailing or Transmission

Express Mail Mailing Label No.: EL 995992303 US  
 Date of Deposit with USPS: October 7, 2005  
 Person making Deposit: Steve Wong

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,149	06/19/2003	Richard W. Wensel	3061.8US (96-0893.07/US)	6258

TITLE OF INVENTION: SEMICONDUCTOR DIE WITH ATTACHED HEAT SINK AND TRANSFER MOLD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	10/14/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HA, NATHAN W	2814	257-678000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 TraskBritt

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MICRON TECHNOLOGY, INC.

Boise, Idaho

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed: or previously paid 4b. Payment of Fee(s):

☒ Issue Fee☒ A check in the amount of the fee(s) is enclosed.☒ Publication Fee (No small entity discount permitted)☐ Payment by credit card. Form PTO-2038 is attached.☒ Advance Order - # of Copies 5

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-1469 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

X The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date October 7, 2005

Typed or printed name

James R. DuzanRegistration No. 28,393

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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24247 7590 07/14/2005  
**TRASK BRITT**  
**P.O. BOX 2550**  
**SALT LAKE CITY, UT 84110**



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Express Mail Mailing Label No.: EL 995992303 US  
 Date of Deposit with USPS: October 7, 2005  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 TraskBritt

2 \_\_\_\_\_

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4a. The following fee(s) are enclosed: or previously paid 4b. Payment of Fee(s):

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☒ A check in the amount of the fee(s) is enclosed.

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X The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*James R. Duzan*

Date October 7, 2005

Typed or printed name

James R. Duzan

Registration No. 28,393

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Richard W. Wensel

**Serial No.:** 10/600,149

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**Confirmation No.:** 6258

**Examiner:** N. Ha

**Group Art Unit:** 2814

**Attorney Docket No.:** 2269-3061.8US  
(96-0893.07/US)

Express Mail Mailing Label No.: EL995992303US

Date of Deposit with USPS: October 7, 2005

Person making Deposit: Steve Wong

**REQUEST TO APPLY PREVIOUSLY PAID ISSUE FEE TO ISSUE FEE REQUIRED  
BY NEW NOTICE OF ALLOWANCE**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Decision on Petition mailed April 14, 2005 (a copy of which is attached hereto), Applicant respectfully requests that the issue fee, publication fee, and extra copies fee paid February 3, 2005 in the total amount of \$1,715.00 be applied to the fees due under the new Notice of Allowance mailed July 14, 2005.

Serial No. 10/600,149

This Request is submitted simultaneously with the new Issue Fee Transmittal Form PTOL-85(b) and accompanying papers.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: October 7, 2005  
JRD/ps:lmh

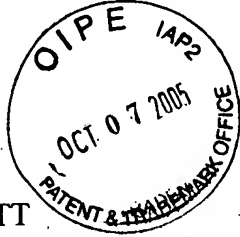
Attachment: Copy of Decision on Petition mailed April 14, 2005

Document in ProLaw





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TRASKBRITT, P.C.

COMMISSIONER FOR PATENTS  
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SALT LAKE CITY, UT 84110

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APR 14 2005

OFFICE OF PETITIONS

ON PETITION

In re Application of  
Richard W. Wensel  
Application No. 10/600,149  
Filed: June 19, 2003  
Attorney Docket No. 3061.8US (96-0893.07/US)

This is a decision on the petition, filed April 14, 2005, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

*Petitioner is advised that the issue fee paid on February 3, 2005 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.<sup>1</sup>*

Telephone inquiries relating to this decision should be directed to the undersigned at (571) 272-3204.

The application is being referred to Technology Center AU 2814 for further processing of the request for continued examination under 37 CFR 1.114.

Sherry D. Brinkley  
Petitions Examiner  
Office of Petitions  
Office of the Deputy Commissioner  
for Patent Examination Policy

<sup>1</sup>The request to apply the issue fee to the new Notice may be satisfied by completing and returning the new Issue Fee Transmittal Form PTOL-85(b), which includes the following language thereon: "Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or re-apply any previously paid issue fee to the application identified above." Petitioner is advised that, whether a fee is indicated as being due or not, the Issue Fee Transmittal Form must be completed and timely submitted to avoid abandonment. Note the language in bold text on the first page of the Notice of Allowance and Fee(s) Due (PTOL-85).